In the United States Patent and Trademark Office
Board of Patent Appeals and Interferences

Appeal Brief

In re the Application of:

Steven K. MA

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A METHOD, SYSTEM, AND PROGRAM FOR NAVIGATING FILES

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I. Real Party in Interest

The entire right, title and interest in this patent application are assigned to real party in interest International Business Machines Corporation.

II. Related Appeals, Interferences, and Judicial Proceedings

Appellant, Appellant's legal representative, and Assignee are not aware of any other prior or pending appeals, interferences, and judicial proceedings which may be related to, directly affect or be directly affected by or have a bearing on the Board's decision in the pending appeal.

III. Status of the Claims

Claims 1-4, 7-10, 31-34, 36-43, and 45-51 are pending and have been rejected.

The final office action dated July 12, 2010 ("FOA") of the claims is being appealed for all pending claims 1-4, 7-10, 31-34, 36-43, and 45-51.

IV. Status of Amendments

No amendments to the claims have been made following the Final Office Action (FOA).

V. Summary of the Claimed Subject Matter

A. Independent Claim 1

The preamble of independent claim 1 recites a method. Para 23 of the filed Specification discloses that the embodiments may be implemented as a method.

Below is an explanation of the claimed subject matter of claim 1 referring to the specification and drawings, where the claim limitations are underlined:

rendering a display of names of a first and second data sets in a search panel, wherein each data set is associated with one or more file components

With respect to this limitation, the filed Specification discloses in FIG. 2 a results box 54 that displays those data set names having high level and/or mid-level qualifiers that satisfy those specified in the search box 52. Multiple data set names are shown. (Filed Spec., para. 12). Each data set includes one or more member components, such as files. (Filed Spec., para. 7)

receiving selection of the displayed first data set name in the search panel

With respect to this limitation, the filed Specification discloses that the user selects the displayed data set results. (FIG. 2, element 58, para. 13)

displaying names of the file components associated with the selected first data set in the search panel

With respect to this limitation, the filed Specification discloses that in FIG. 3 upon the user selecting one of the displayed data set results, the search view 70 shows the member file components of the selected data set, e.g., "MAS.SOURCE.COBOL", which has three Cobol files (.cbl). (Filed Spec., para. 13)

receiving selection of at least one of the displayed file component names associated with the selected first data set

With respect to this limitation, the filed Specification discloses in FIG. 3 a user pointer 74 selecting one of the component files of the previously selected data set, e.g., "QUOTAK.CBL". (Filed Spec., para. 13)

rendering the selected data set name and the selected at least one selected file component name in a history panel, wherein the selected first data set name and selected at least one file component are displayed in a hierarchical tree arrangement, and wherein the history panel and the search panel are rendered concurrently in a graphical user interface

With respect to this limitation, the filed Specification discloses that the work history panel 84 continues to display all previously and currently selected data sets and component files. The work history view 72 of FIGs. 3-7 show the data set name and component files in a hierarchical tree arrangement, and show the history view 72 and search view 70 rendered concurrently in the GUI. (Filed Spec., paras. 13-15)

receiving selection of the displayed second data set name in the search panel

With respect to this limitation, the filed Specification discloses selection of a second data set name "MAS.SOURCE.PLI" in FIGs. 6 and 7 displayed in the search view or panel. (Filed Spec., paras. 15-16)

displaying names of the file components associated with the selected second data set in the search panel

With respect to this limitation, the filed Specification discloses the display of component files in panel 112 of the second selected data set MAS.SOURCE.PLI. (Filed Spec., para. 16)

receiving selection of at least one of the displayed file component names associated with the selected second data set

With respect to this limitation, the filed Specification discloses in FIG. 7 the user graphical pointer 114 selecting two files in the located data set, e.g., "IBMDALCB.PLI" and "IBMDBDSA.PLI", which are part of the second selected data set MAS.SOURCE.PLI. (Filed Spec., para. 16)

rendering the selected second data set name and the selected at least one selected file component name associated with the selected second data set in the history panel, wherein the selected first and second data set names and selected file components associated with the first and second data sets are displayed together in the hierarchical tree arrangement to display previously and currently selected data set names and component file names of the selected data sets and wherein the rendered selected first and second data set names and the selected file components in the history panel are rendered concurrently in the graphical user interface with the search panel separately rendering the selected displayed file component names associated with the selected second data set name

With respect to this limitation, the filed Specification discloses in FIG. 7 rendering in the work history view 116 the previously selected and searched upon data set, e.g., "MAS.SOURCE.PLI", and the currently selected component files within that data set to further fill out the hierarchically displayed work history view 116 displaying all previously and currently selected data sets and component files of selected data sets. (Filed Spec., para. 16). FIG. 7 further shows that the history panel 116 with the hierarchical display of data set names and the file component names selected from the data set are displayed concurrently with the search view 110 that renders the file component names 112 associated with the second selected data set name MAS.SOURCE.PLI.

B. Independent Claim 31

The preamble of independent claim 31 recites a system. Para 23 of the filed Specification discloses that the embodiments may be implemented as a system.

Below is an explanation of the claimed subject matter of claim 1 referring to the specification and drawings, where the claim limitations are underlined:

a processor

With respect to this limitation, the filed Specification discloses a computer architecture to implement the host system having a processor 302. (Filed Spec., para. 29 and FIG. 11).

a computer readable medium including a file viewer executed by the processor to perform operations

With respect to this limitation, the filed Specification discloses that the programs may be implemented in a computer readable medium, such as memory devices, magnetic storage, optical storage. (Filed Spec., paras. 23, para. 29, FIGs. 1 and 11) FIG. 1 shows a file viewer executed to perform the below operations. (Filed Specification, paras. 7-8 and 19, FIG. 1, FIG. 10).

rendering a display of names of a first and second data sets in a search panel, wherein each data set is associated with one or more file components

With respect to this limitation, the filed Specification discloses in FIG. 2 a results box 54 that displays those data set names having high level and/or mid-level qualifiers that satisfy those specified in the search box 52. Multiple data set names are shown. (Filed Spec., para. 12). Each data set includes one or more member components, such as files. (Filed Spec., para. 7)

receiving selection of the displayed first data set name in the search panel

With respect to this limitation, the filed Specification discloses that the user selects the displayed data set results. (FIG. 2, element 58, para. 13)

displaying names of the file components associated with the selected first data set in the search panel

With respect to this limitation, the filed Specification discloses that in FIG. 3 upon the user selecting one of the displayed data set results, the search view 70 shows the member file components of the selected data set, e.g., "MAS.SOURCE.COBOL", which has three Cobol files (.cbl). (Filed Spec., para. 13)

receiving selection of at least one of the displayed file component names associated with the selected first data set

With respect to this limitation, the filed Specification discloses in FIG. 3 a user pointer 74 selecting one of the component files of the previously selected data set, e.g., "QUOTAK.CBL". (Filed Spec., para. 13)

rendering the selected data set name and the selected at least one selected file component name in a history panel, wherein the selected first data set name and selected at least one file component are displayed in a hierarchical tree arrangement, and wherein the history panel and the search panel are rendered concurrently in a graphical user interface

With respect to this limitation, the filed Specification discloses that the work history panel 84 continues to display all previously and currently selected data sets and component files. The work history view 72 of FIGs. 3-7 show the data set name and component files in a hierarchical tree arrangement, and show the history view 72 and search view 70 rendered concurrently in the GUI. (Filed Spec., paras. 13-15)

receiving selection of the displayed second data set name in the search panel

With respect to this limitation, the filed Specification discloses selection of a second data set name "MAS.SOURCE.PLI" in FIGs. 6 and 7 displayed in the search view or panel. (Filed Spec., paras. 15-16)

displaying names of the file components associated with the selected second data set in the search panel

With respect to this limitation, the filed Specification discloses the display of component files in panel 112 of the second selected data set MAS.SOURCE.PLI. (Filed Spec., para. 16)

receiving selection of at least one of the displayed file component names associated with the selected second data set

With respect to this limitation, the filed Specification discloses in FIG. 7 the user graphical pointer 114 selecting two files in the located data set, e.g., "IBMDALCB.PLI" and "IBMDBDSA.PLI", which are part of the second selected data set MAS.SOURCE.PLI. (Filed Spec., para. 16)

rendering the selected second data set name and the selected at least one selected file component name associated with the selected second data set in the history panel, wherein the selected first and second data set names and selected file components associated with the first and second data sets are displayed together in the hierarchical tree arrangement to display previously and currently selected data set names and component file names of the selected data sets and wherein the rendered selected first and second data set names and the selected file components in the history panel are rendered concurrently in the graphical user interface with the search panel separately rendering the selected displayed file component names associated with the selected second data set name

With respect to this limitation, the filed Specification discloses in FIG. 7 rendering in the work history view 116 the previously selected and searched upon data set, e.g., "MAS.SOURCE.PLI", and the currently selected component files within that data set to further fill out the hierarchically displayed work history view 116 displaying all previously and currently selected data sets and component files of selected data sets. (Filed Spec., para. 16). FIG. 7 further shows that the history panel 116 with the hierarchical display of data set names and the file component names selected from the data set are displayed concurrently with the search view 110 that renders the file

component names 112 associated with the second selected data set name MAS.SOURCE.PLI.

C. Independent Claim 40

The preamble of independent claim 40 recites an article of manufacture comprising a computer readable storage medium having code executed to perform operations. Para 23 of the filed Specification discloses that the embodiments may be implemented as an "article of manufacture". The filed Specification further discloses a computer readable medium, such as memory devices, magnetic storage, optical storage, having code, such as the file viewer executed to perform the below operations. (Filed Spec., paras. 7-8, 19, 23, 29, FIGs. 1, 10, and 11)

Below is an explanation of the claimed subject matter of claim 1 referring to the specification and drawings, where the claim limitations are underlined:

rendering a display of names of a first and second data sets in a search panel, wherein each data set is associated with one or more file components

With respect to this limitation, the filed Specification discloses in FIG. 2 a results box 54 that displays those data set names having high level and/or mid-level qualifiers that satisfy those specified in the search box 52. Multiple data set names are shown. (Filed Spec., para. 12). Each data set includes one or more member components, such as files. (Filed Spec., para. 7)

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With respect to this limitation, the filed Specification discloses that the user selects the displayed data set results. (FIG. 2, element 58, para. 13)

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With respect to this limitation, the filed Specification discloses that in FIG. 3 upon the user selecting one of the displayed data set results, the search view 70 shows the

member file components of the selected data set, e.g., "MAS.SOURCE.COBOL", which has three Cobol files (.cbl). (Filed Spec., para. 13)

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With respect to this limitation, the filed Specification discloses in FIG. 3 a user pointer 74 selecting one of the component files of the previously selected data set, e.g., "QUOTAK.CBL". (Filed Spec., para. 13)

rendering the selected data set name and the selected at least one selected file component name in a history panel, wherein the selected first data set name and selected at least one file component are displayed in a hierarchical tree arrangement, and wherein the history panel and the search panel are rendered concurrently in a graphical user interface

With respect to this limitation, the filed Specification discloses that the work history panel 84 continues to display all previously and currently selected data sets and component files. The work history view 72 of FIGs. 3-7 show the data set name and component files in a hierarchical tree arrangement, and show the history view 72 and search view 70 rendered concurrently in the GUI. (Filed Spec., paras. 13-15)

receiving selection of the displayed second data set name in the search panel

With respect to this limitation, the filed Specification discloses selection of a second data set name "MAS.SOURCE.PLI" in FIGs. 6 and 7 displayed in the search view or panel. (Filed Spec., paras. 15-16)

displaying names of the file components associated with the selected second data set in the search panel

With respect to this limitation, the filed Specification discloses the display of component files in panel 112 of the second selected data set MAS.SOURCE.PLI. (Filed Spec., para. 16)

receiving selection of at least one of the displayed file component names associated with the selected second data set

With respect to this limitation, the filed Specification discloses in FIG. 7 the user graphical pointer 114 selecting two files in the located data set, e.g., "IBMDALCB.PLI" and "IBMDBDSA.PLI", which are part of the second selected data set MAS.SOURCE.PLI. (Filed Spec., para. 16)

rendering the selected second data set name and the selected at least one selected file component name associated with the selected second data set in the history panel, wherein the selected first and second data set names and selected file components associated with the first and second data sets are displayed together in the hierarchical tree arrangement to display previously and currently selected data set names and component file names of the selected data sets and wherein the rendered selected first and second data set names and the selected file components in the history panel are rendered concurrently in the graphical user interface with the search panel separately rendering the selected displayed file component names associated with the selected second data set name

With respect to this limitation, the filed Specification discloses in FIG. 7 rendering in the work history view 116 the previously selected and searched upon data set, e.g., "MAS.SOURCE.PLI", and the currently selected component files within that data set to further fill out the hierarchically displayed work history view 116 displaying all previously and currently selected data sets and component files of selected data sets. (Filed Spec., para. 16). FIG. 7 further shows that the history panel 116 with the hierarchical display of data set names and the file component names selected from the data set are displayed concurrently with the search view 110 that renders the file component names 112 associated with the second selected data set name MAS.SOURCE.PLI.

VI. Grounds of Rejection to Be Reviewed on Appeal

A concise statement listing each ground of rejection presented for review is as follows:

A. Claims 1-4, 7-10, 31-34, 36-43, and 45-48 are rejected under 35 U.S.C. §103 as obvious over Moehrle (U.S. Patent No. 7,216,301) in view of Rochford (U.S. Patent No. 6,633,312).

B. Claims 49-51 are rejected under 35 U.S.C. §103 as obvious over Moehrle in view of Rochford and further in view of Weber (U.S. Patent No. 7,370,281).

VII. Argument

A. Rejection of Claims 1-4, 7-10, 31-34, 36-43, and 45-48 Under 35 U.S.C. §103

1. Claims 1, 3, 7-10, 31, 33, 36-39, 40, 42, and 45-48

With respect to claims 1, 31, and 40, Applicants request review and reversal of the Examiner finding that FIGs. 4B, 5A, 5B and elements 1.0.1.2, 1.2.3, ref . 50 of Moehrle teach the claim requirements of receiving selection of data set names and files in a search panel and rendering the selected data set names and the selected at least one selected file component name in a history panel, wherein the selected first data set name and selected at least one file component are displayed in a hierarchical tree arrangement, and wherein the history panel and the search panel are rendered concurrently in a graphical user interface. (FOA, pg. 3) In the Response to Arguments, the Examiner found that Moehrle teaches that the history panel and search panel are rendered concurrently, citing FIGs. 5A and 4b. (FOA, pg. 12)

The cited FIG. 4A, element 102 discusses an initial view of an active path having a single active link. Moehrle defines an active path as a sequence of active links as items, where an active link provides direct access to a function or menu item without the need to navigate using a GUI. (Moehrle, col. 2, lines 45-51). FIG. 4B shows a user browsing the active path 100 of FIG. 4A and that rolling over active link 1.2.3 causes the display of all siblings of the rolled over active link, 1.2.3.1, 1.2.3.2, 1.2.3.3 to 1.2.3.6. Rolling over an active link displays the siblings and children of the active link. (Moehrle, col. 5, lines 27-32) Moehrle describes FIG. 4b as providing a time delay in displaying the children of the browsed active link, such as one of the menu items. (Moehrle, col. 5, lines 33-40) The cited Moehrle discusses displaying hierarchical active links or menu items that are used to execute functions. (Moehrle, col. 5, lines 4-20).

This discussion of browsing an active link, representing a function, to cause a display of children of that active link, does not teach or suggest the claim requirement of rendering the selected first or second data set name and a selected file component name of the selected data set name in a search panel and concurrently rendering a history panel

showing the selected first and second data set names and the selected file components of the selected data set name in a hierarchical tree arrangement, where the search and history panels separately and concurrently render their information in a GUI. Instead, the cited Moehrle shows a single menu tree to select active links representing functions or further submenus arranged in a hierarchical fashion. The cited Moehrle does not teach separate search and history panels that concurrently and separately render in the GUI the currently selected data set name and file components in the search panel and, in the history panel, display currently and previously selected data set names and file components.

The Examiner further found that

> It can be seen from the teachings of Moehrle that during the normal course of operation the user may initiate another search by returning to a previous level and repeating the steps of opening a second data set and selecting a second file component from the second data set and display a hierarchical history of browsing in the panel (ie. Top line)

(FOA, pg. 3)

Applicants traverse this finding because Moehrle concerns displaying active links. If an active link selected is not an end link, then subordinate levels are displayed, if an end link is selected, the associated function is re-executed. (Moehrle, col. 5, line 65 to col. 6, line 21) The claims require selection and display of data set names and component files of the data set names including source code files. The cited Moehrle is different from what is claimed because the cited Moehrle concerns the display of active links to provide selection of functions associated with active links, not selection of data set names and their component files including source code files being accessed by a developer as claimed.

The Examiner further found that FIG. 4a of Moehrle shows selecting a data set, and displaying that data set name and a file component along the top line, which the Examiner likened to the history panel, and hierarchically, indented hierarchical names. (FOA, pg. 13) Applicants traverse this finding because FIGs. 4A and 4b show menu items, and upon selection of a menu item, displaying further children menu items, representing functions. Although there is a hierarchical nature to this display, the cited Moehrle does not teach or suggest the claim requirement of displaying previously and

currently selected data set names and selected file components of the selected data set names in a history panel concurrently with a search panel that displays a selected data set name and the file components associated with the selected data set name. Instead, Moehrle only shows children of a selected menu item when that menu item is browsed or selected, a function is executed, which may include the launch of a software application or the display of subordinate links with description. (Moehrle, col. 5, lines 5-10).

Applicants further request reversal because the cited active links of Moehrle do not teach the claimed data set name and selected file component name of the selected data set name as claimed. Moehrle concerns displaying active links. If an active link selected is not an end link, then subordinate levels are displayed, if an end link is selected, the associated function is re-executed. (Moehrle, col. 5, line 65 to col. 6, line 21) The claims require selection and display of data set names and component files of the selected data set names. The cited Moehrle concerns the display of active links to provide selection of functions associated with active links or a further submenu, not selection of data set names and their component files as claimed.

Applicants request review and reconsideration of the Examiner finding that FIGs. 2A and 8 and accompanying text, including nodes 212 and 80 of Rochford teach the claim requirements of rendering a history panel with selected first and second data set names and selected file components associated with the first and second data sets are displayed together in the hierarchical tree arrangement to display previously and currently selected data set names and component file names of the selected data sets. (FOA, pgs. 3-4)

Rochford discusses a layer cake selection window in which the user may select regions and attributes to display network components for the selected region and attributes. FIG. 2A of Rochford shows a GUI having a layer cake selection window 206 and a network display window 208. The layer cake selection window allows navigation to select network features. (Rochford, cols. 6-7, and 11-13) The cited FIG. 8 is a history window in which selected layer cakes (network features) are displayed. (Rochford, col. 16, lines 56-65) The layer cakes are saved with a hierarchical structure, such that a network feature may not be viewed without a base view. (Rochford, col. 17, lines 3-19) Although the cited FIG. 8 shows a history view of network features previously viewed,

this does not teach or suggest displaying selected first and second data set names and selected file components of the first and second data sets name in a hierarchical tree arrangement in a history panel as claimed. Instead, FIG. 8 has a flat view of previously viewed network features, not a hierarchical view of selected data set names and selected file components of the selected data set names.

Applicants traverse the Examiner finding that the combination of Moehrle and Rochford teach the claim requirements. (FOA, pg. 4) Moehrle discusses displaying menu items and children of menu items representing functions to execute that are browsed and Rochford discusses a history view displaying previously viewed network features. However, the Examiner has not shown where the cited references teach displaying concurrently a search panel and history panel in a GUI. Although the cited Moehrle and Rochford separately discuss displaying a menu of items and child items and a history of selected network components and features, there is no teaching or suggestion of displaying concurrently a history panel and search panel of selected data set names and file components of selected data set names concurrently and previously selected as claimed in one GUI.

Accordingly, Applicants request that the Board reverse the rejection of claims 1, 31, and 40 as obvious over the cited art because the Examiner has failed to show how the requirements of these claims are disclosed in the cited combination of Moehrle and Rochford.

Applicants request that the Board reverse the rejection of claims 3, 7-10, 33, 35-39, 42, and 45-48 as patentable over the cited art because they depend from claims 1, 31, and 40, which are patentable over the cited art for the reasons discussed above, and because the additional requirements of these claims in combination with the base claims and any intervening claims provide further grounds of patentability over the cited art.

2. Claims 2, 32, and 41

Claims 2, 32, and 41 depend from claims 1, 31, and 40, and further require that the first and second data set names are displayed as a parent at a higher hierarchical level to the file components associated with the displayed first and second data set names,

wherein the file components are rendered as children in the history panel of the first or second data set with which they are associated.

Applicants request review and reconsideration of the Examiner finding that FIG. 4B, 10a-102, 101 and col. 3, lines 22-23 of Moehrle and FIG. 8 of Rochford teach the claim requirements that the first and second data set names are displayed as a parent at a higher hierarchical level to the file components associated with the displayed first and second data set names, wherein the file components are rendered as children in the history panel of the first or second data set with which they are associated. (FOA, pg. 5)

The cited FIG. 4B of Moehrle shows menu items that are siblings, where the menu items are active links. Rolling over an active link with a pointer results in the display of siblings and children of the active link. (Moehrle, col. 5, lines 27-31) The active links are functions that may be executed.

The cited FIG. 4B does not teach the claim requirement of a history panel that displays a selected first and second data set names as a parent to their associated file components which are selected. Instead, the cited FIG. 4B displays a hierarchical arrangement of active links that may be selected to execute a function, not those selected data set file component names as claimed. The cited FIG. 8 of Rochford discusses a history panel showing searched regions and network attributes used to filter a region search in a history panel. This does not teach displaying data set names as a parent at a higher hierarchical level to the selected file components of the selected data set name. The Examiner has not shown where Rochford teaches that the cited regions are at a parent hierarchical level to the network features. Instead, the cited Rochford discusses how the network features searched on are dependent on the previous base view or region filtering. However, there is no teaching that the region comprises a parent at a higher hierarchical level to the network feature searched upon in FIGs. 3A and 3B. Further, the discussion of displaying a region and network feature does not teach displaying a selected data set name as a parent at a higher hierarchical level of a selected component file of the selected data set name.

Accordingly, Applicants request that the Board reverse the rejection of claims 2, 32, and 41 as obvious over Moehrle and Rochford because these claims depend from base claims 1, 31, and 40, which are patentable over the cited art for the reasons

discussed above, and because the additional requirements of these claims are not taught or suggested in the cited combination.

3. Claims 4, 34, and 43

Claims 4, 34, and 43 depend from claims 1, 31, and 40, respectively, and further require transmitting a request for file component names of the selected data set name, wherein the displayed file component names comprise file component names returned in response to the transmitted request for file component names.

Applicants request review and reversal of the Examiner finding that col. 9, lines 16-20 of Moehrle teaches the claim requirement of transmitting a request for file component names of the selected data set name, wherein the displayed file component names comprise file component names returned in response to the transmitted request for file component names. (FOA, pg. 5)

The cited col. 9 mentions a data file representing the hierarchical structure of a multi-level hierarchical website is either constructed or retrieved from the server. The data file representing the information hierarchy of the location may be dynamically created from the directory structure and the hypertext markup language (HTML) available on the server and client files.

Although the cited col. 9 mentions retrieving a data file representing a hierarchical structure of a web site, this does not teach transmitting a request for file components, including source code files, of a selected data set name, where the displayed file component names for the selected data set name are the file component names returned in response to the transmitted request for the file component names. Instead, the cited col. 9 discusses retrieving a data file representing a hierarchical structure of a web site, not file component names associated with a selected data set name.

Accordingly, Applicants request that the Board reverse the rejection of claims 4, 34, and 43 as obvious over Moehrle and Rochford because these claims depend from base claims 1, 47, and 55, which are patentable over the cited art for the reasons discussed above, and because the additional requirements of these claims are not taught or suggested in the cited art.

B. Rejection of Claims 49-51 Under 35 U.S.C. §103

1. Claims 49, 50, and 51

Claims 49, 50, and 51 depend from claims 1, 31, and 40, respectively, and recite that the file components include source code files being accessed by a developer.

Applicants request review and reconsideration of the Examiner finding that the additionally cited FIG. 1, ref 2 and 4 of Weber teaches the claim requirement that the selected and displayed file components include source code files being accessed by a developer. (FOA, pg. 11)

The cited Weber discusses using a GUI interface for Java source files in a Java application development environment. Although Weber discusses displaying source code, the Examiner has not cited where the cited combination teaches the combination of requirements of a search panel and history panel to provide for the display and selection of file components and data sets comprising source code files.

Accordingly, Applicants request that the Board reverse the rejection of claims 49-51 as obvious over Moehrle, Rochford, and Weber because these claims depend from base claims 1, 31, and 40, which are patentable over the cited art for the reasons discussed above, and because the additional requirements of these claims are not taught or suggested in the cited art.

C. Conclusion

Each of the rejections set forth in the FOA are improper and should be reversed.

Respectfully submitted,

/David Victor/

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Dated: November 29, 2010

VIII. Claims Appendix

1. (Previously Presented) A method, comprising:

rendering a display of names of a first and second data sets in a search panel, wherein each data set is associated with one or more file components;

receiving selection of the displayed first data set name in the search panel;

displaying names of the file components associated with the selected first data set in the search panel;

receiving selection of at least one of the displayed file component names associated with the selected first data set;

rendering the selected data set name and the selected at least one selected file component name in a history panel, wherein the selected first data set name and selected at least one file component are displayed in a hierarchical tree arrangement, and wherein the history panel and the search panel are rendered concurrently in a graphical user interface;

receiving selection of the displayed second data set name in the search panel;

displaying names of the file components associated with the selected second data set in the search panel;

receiving selection of at least one of the displayed file component names associated with the selected second data set; and

rendering the selected second data set name and the selected at least one selected file component name associated with the selected second data set in the history panel, wherein the selected first and second data set names and selected file components associated with the first and second data sets are displayed together in the hierarchical tree arrangement to display previously and currently selected data set names and component file names of the selected data sets and wherein the rendered selected first and second data set names and the selected file components in the history panel are rendered concurrently in the graphical user interface with the search panel separately rendering the selected displayed file component names associated with the selected second data set name.

2. (Previously Presented) The method of claim 1, wherein the first and second data set names are displayed as a parent at a higher hierarchical level to the file components associated with the displayed first and second data set names, wherein the file components are rendered as children in the history panel of the first or second data set with which they are associated.

3. (Original) The method of claim 1, further comprising:

receiving at least one search qualifier;

transmitting a request for data set names that satisfy the received at least one search qualifier, wherein the displayed data set names comprise data set names returned in response to the transmitted request whose name satisfies the at least one search qualifier.

4. (Original) The method of claim 1, further comprising:

transmitting a request for file component names of the selected data set name, wherein the displayed file component names comprise file component names returned in response to the transmitted request for file component names.

5. (Canceled)

6. (Canceled)

7. (Previously Presented) The method of claim 1, wherein different data sets include source code files in different programming languages.

8. (Original) The method of claim 1, further comprising:

receiving user action with respect to one selected data set name or file component name displayed in the history panel, wherein the action specifies an operation to perform with respect to the selected data set name or file component.

9. (Original) The method of claim 8, wherein the operation is a member of the set of operations comprising deleting the selected data set or file component and moving the selected file component to another data set.

10. (Previously Presented) The method of claim 1, further comprising:

displaying content of the selected file component in a content panel displayed with the history panel to enable editing of the displayed content.

11-30. (Canceled)

31. (Previously Presented) A system, comprising:

a processor;

a computer readable medium including a file viewer executed by the processor to perform operations, the operations comprising:

rendering a display of names of a first and second data sets in a search panel, wherein each data set is associated with one or more file components;

receiving selection of the displayed first data set name in the search panel;

displaying names of the file components associated with the selected first data set in the search panel;

receiving selection of at least one of the displayed file component names associated with the selected first data set;

rendering the selected data set name and the selected at least one selected file component name in a history panel, wherein the selected first data set name and selected at least one file component are displayed in a hierarchical tree arrangement, and wherein the history panel and the search panel are rendered concurrently in a graphical user interface;

receiving selection of the displayed second data set name in the search panel;

displaying names of the file components associated with the selected second data set in the search panel;

receiving selection of at least one of the displayed file component names associated with the selected second data set; and

rendering the selected second data set name and the selected at least one selected file component name associated with the selected second data set in the history panel, wherein the selected first and second data set names and selected file components associated with the first and second data sets are displayed together in the hierarchical tree arrangement to display previously and currently selected data set names and component file names of the selected data sets, and wherein the rendered selected first and second data set names and the selected file components in the history panel are rendered concurrently in the graphical user interface with the search panel separately rendering the selected displayed file component names associated with the selected second data set name.

32. (Previously Presented) The system of claim 31, wherein the first and second data set names are displayed as a parent at a higher hierarchical level to the file components associated with the displayed first and second data set names, wherein the file components are rendered as children in the history panel of the first or second data set with which they are associated.

33. (Previously Presented) The system of claim 31, wherein the operations further comprise:

receiving at least one search qualifier;

transmitting a request for data set names that satisfy the received at least one search qualifier, wherein the displayed data set names comprise data set names returned in response to the transmitted request whose name satisfies the at least one search qualifier.

34. (Original) The system of claim 31, wherein the operations further comprise:

transmitting a request for file component names of the selected data set name, wherein the displayed file component names comprise file component names returned in response to the transmitted request for file component names.

35. (Canceled)

36. (Previously Presented) The system of claim 31, wherein different data sets include source code files in different programming languages.

37. (Previously Presented) The system of claim 31, wherein the operations further comprise:

receiving user action with respect to one selected data set name or file component name displayed in the history panel, wherein the action specifies an operation to perform with respect to the selected data set name or file component.

38. (Previously Presented) The system of claim 37, wherein the operation is a member of the set of operations comprising deleting the selected data set or file component and moving the selected file component to another data set.

39. (Previously Presented) The system of claim 31, wherein the operations further comprise:

displaying content of the selected file component in a content panel displayed with the history panel to enable editing of the displayed content.

40. (Previously Presented) An article of manufacture comprising a computer readable storage medium having code executed to perform operations, the operations comprising:

rendering a display of names of a first and second data sets in a search panel, wherein each data set is associated with one or more file components;

receiving selection of the displayed first data set name in the search panel;

displaying names of the file components associated with the selected first data set in the search panel;

receiving selection of at least one of the displayed file component names associated with the selected first data set;

rendering the selected data set name and the selected at least one selected file component name in a history panel, wherein the selected first data set name and selected at least one file component are displayed in a hierarchical tree arrangement, and wherein the history panel and the search panel are rendered concurrently in a graphical user interface;

receiving selection of the displayed second data set name in the search panel;

displaying names of the file components associated with the selected second data set in the search panel;

receiving selection of at least one of the displayed file component names associated with the selected second data set; and

rendering the selected second data set name and the selected at least one selected file component name associated with the selected second data set in the history panel, wherein the selected first and second data set names and selected file components associated with the first and second data sets are displayed together in the hierarchical tree arrangement to display previously and currently selected data set names and component file names of the selected data sets, and wherein the rendered selected first and second data set names and the selected file components in the history panel are rendered concurrently in the graphical user interface with the search panel separately rendering the selected displayed file component names associated with the selected second data set name.

41. (Previously Presented) The article of manufacture of claim 40, wherein the first and second data set names are displayed as a parent at a higher hierarchical level to the file components associated with the displayed first and second data set names, wherein the file components are rendered as children in the history panel of the first or second data set with which they are associated.

42. (Previously Presented) The article of manufacture of claim 40, wherein the operations further comprise:

receiving at least one search qualifier;

transmitting a request for data set names that satisfy the received at least one search qualifier, wherein the displayed data set names comprise data set names returned in response to the transmitted request whose name satisfies the at least one search qualifier.

43. (Previously Presented) The article of manufacture of claim 40, wherein the operations further comprise:

transmitting a request for file component names of the selected data set name, wherein the displayed file component names comprise file component names returned in response to the transmitted request for file component names.

44. (Canceled)

45. (Previously Presented) The article of manufacture of claim 40, wherein different data sets include source code files in different programming languages.

46. (Previously Presented) The article of manufacture of claim 40, wherein the operations further comprise:

receiving user action with respect to one selected data set name or file component name displayed in the history panel, wherein the action specifies an operation to perform with respect to the selected data set name or file component.

47. (Previously Presented) The article of manufacture of claim 46, wherein the operation is a member of the set of operations comprising deleting the selected data set or file component and moving the selected file component to another data set.

48. (Previously Presented) The article of manufacture of claim 40, wherein the operations further comprise:

displaying content of the selected file component in a content panel displayed with the history panel to enable editing of the displayed content.

49. (Previously Presented) The method of claim 1, wherein the file components include source code files being accessed by a developer.

50. (Previously Presented) The system of claim 31, wherein the file components include source code files being accessed by a developer.

51. (Previously Presented) The article of manufacture of claim 40, wherein the file components include source code files being accessed by a developer.

IX. Evidence Appendix

None

X. Related Proceedings Appendix

None